


Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Attorney Docket No:	U.S. <u> JLW </u>
	LAM2P474	Not Assigned
	Applicant:	<u>10/817620</u>
	WOODS et al.	
	Filing Date:	Group: <u>1709</u>
	<u>4/1/04</u>	Not Assigned <u>JLW</u>

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class
	A	US 6,398,975 B1	06/2002	Mertens et al.	216	92
	B	US 6,491,764	12/2002	Mertens et al.	134	36
	C	4,838,289	06/1989	Kottman et al.	134	153
	D	5,271,774	12/1993	Leenaars et al.	134	31
	E	5,705,223	01/1998	Bunkofske	427	240
	F	5,945,351	08/1999	Mathuni	438	706
	G	5,997,653	12/1999	Yamasaka	134	2
	H					

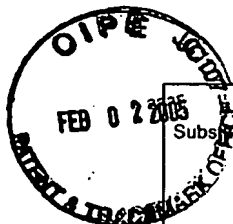
Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
<u>JLW</u>	I	JP02280330	11/1990	JPO	H01L	21/304		
<u>JLW</u>	J	JP02309638	12/1990	JPO	H01L	21/306		
<u>JLW</u>	K	JP11350169	12/1999	JPO	H01L	21/306		
	L							
	M							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	N	
Examiner <u>/Joy Watson/ (08/09/2007)</u>		Date Considered <u>(08/09/2007)</u>

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known		
				Application Number	10/817,620	
Sheet		1	of	3	Filing Date	April 1, 2004
					First Named Inventor	Carl WOODS
					Art Unit	1746-JLW 1709
					Examiner Name	JLW Unassigned Joy Watson
					Attorney Docket Number	LAM2P474

U.S. Patent Documents

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JW/ ↓ ↓ ↓ ↓ ↓	A	2002/0121290 A1	9/5/02	TANG et al.	
	B	2002/0125212 A1	9/12/02	MERTENS et al.	
	C	US 6,341,998 B1	1/29/02	ZHANG	
	D	US 6,391,166 B1	5/21/02	WANG	
	E	5,660,642	8/26/97	BRITTEN	
	F	5,807,522	9/15/98	BROWN et al.	

Foreign Patent Documents

Examiner Initial	Cite No. ¹	Foreign Patent Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number- ⁴ Kind Code (if known)				
/JW/ ↓ ↓ ↓ ↓	G	EP 0 905 746 A1	3/31/99	Interniversitair Micro-Elektronica Centrum VZW		<input type="checkbox"/>
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	I	WO 99/16109 A1	4/1/99	Interniversitair Micro-Elektronica Centrum VZW		<input type="checkbox"/>
	J	WO 02/001613 A3	1/3/02	Applied Materials, Inc.		<input type="checkbox"/>

Non Patent Literature Documents

Examiner Initial	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/JW/	K	J.A. BRITTEN, "A moving-zone Marangoni drying process for critical cleaning and wet processing," October, 1997, <i>Solid State Technology</i>
	L	

Examiner Signature	/Joy Watson/ (08/09/2007)	Date Considered	(08/09/2007)
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Examiner Name	J.W. Unassigned Joy Watson				
Sheet	2	of	3	Attorney Docket Number	LAM2P474

U.S. Patent Documents

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		Number-Kind Code ² (if known)			
/JW/ ↓ ↓ ↓	A	5,830,334	11/3/98	KOBAYASHI	
	B	5,882,433	3/16/99	UENO	
	C	5,975,098	11/2/99	YOSHITANI et al.	
	D	5,989,478	11/23/99	OUELLETTE et al.	
	E	6,132,586	10/17/00	ADAMS et al.	
	F	6,531,206	3/11/03	JOHNSTON et al.	

Foreign Patent Documents

Examiner Initial	Cite No. ¹	Foreign Patent Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number- ⁴ Kind Code ⁵ (if known)				
/JW/ ↓ ↓ ↓	G	WO 02/32825 A1	4/25/02	The Regents of the University of California		<input type="checkbox"/>
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	I	JP08277486 (Patent Abstract in English provided)	10/22/96	Dainippon Printing Co. Ltd.		<input type="checkbox"/>
	J	JP05837190 (Patent Abstract in English provided)	03/04/83	Sonitsukusu: KK		<input type="checkbox"/>

Non Patent Literature Documents

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Sheet	1	of	1		

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		Number-Kind Code ² (if known)			
/JW/	A	4,086,870	05/02/79	Canavello et al.	
/JW/	B	5,294,257	03/15/94	Kelly et al.	
/JW/	C	6,514,570	02/04/03	Matsuyama et al.	
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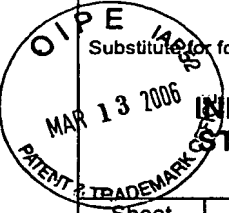
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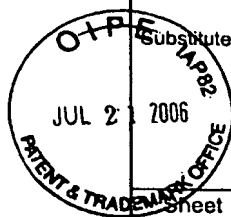
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/JW/	A	2003/0091754	05/15/03	Chihani et al.	
	B	2003/0092264	05/15/03	Shinji et al.	
	C	2004/0060573	04/01/04	Woods	
	D	2004/0069319	04/15/04	Boyd et al.	
	E	2004/0069329	04/15/04	De Larios et al.	
	F	2004/0136494	07/15/04	Lof et al.	
	G	2004/0178060	09/16/04	Ravkin et al.	
	H	2004/0182422	09/23/04	Boyd et al.	
	I	2005/0132515	12/18/03	Boyd et al.	
	J	2005/0139318	06/30/05	Woods et al.	
	K	2005/0145265	07/07/05	Ravkin et al.	
	L	2005/0145267	04/01/04	Korolik et al.	
	M	2005/0145268	04/01/04	Woods	

Foreign Patent Documents

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		Country Code ³ -Number- ⁴ Kind Code ⁵ (if known)				
/JW/	N	EP 1 489 461 A1	12/22/04	ASML Netherland B.V.		<input type="checkbox"/>
/JW/	O	EP 1 489 462 A2	12/22/04	ASML Holding N.V.		<input type="checkbox"/>

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/JW/	P	OWA et al. "Immersion lithography; its potential performance and issues", Proceedings of the SPIE, SPIE, Bellingham, VA, US, Vol. 5040, No. 1, February 28, 2003, pages 724-733, XP002294500
JLW	Q	LIM et al., "Atomic Layer deposition of transition metals", Department of Chemistry and Chemical Biology, Harvard University, Nature Publishing Group, Volume 2, November 2003, Pages 749-754

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/JW/	A	2005/0148197	04/01/04	Woods et al.	
↓	B	2005/0217703	10/06/05	O'Donnell	
	C	2006/0064895	03/30/06	Garcia et al.	
	D	3,953,265	04/27/76	Hood	
	E	4,367,123	01/04/83	Beck	
	F	4,444,492	04/24/84	Lee	
	G	5,102,494	04/07/92	Harvey et al.	
	H	5,180,431	01/19/93	Sugimoto et al.	
	I	5,343,234	08/30/94	Kuehnle	
	J	5,361,449	11/08/94	Akimoto	
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↓	M	5,601,655	02/11/97	Bok et al.	

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/JW/	P	ICKnowledge LLC, "Technology Backgrounder: Atomic Layer Deposition", ICKnowledge.com, 2004, Pages 1-7
/JW/	Q	"Chemical vapor deposition", Wikipedia, the free encyclopedia, http://en.wikipedia.org/wiki/Chemical_vapor_deposition , 2005, Page 1-2

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	E	5,975,098	11/02/99	Yoshitani et al.	
	F	5,989,478	11/23/99	Ouellette et al.	
	G	6,086,454	07/11/00	Watanabe et al.	
	H	6,092,937	07/25/00	Snodgrass et al.	
	I	6,103,636	08/15/00	Zahorik et al.	
	J	6,108,932	08/29/00	Chai	
	K	6,132,586	10/17/00	Adams et al.	
	L	6,214,513	04/10/01	Cai et al.	

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Examiner Initial	Cite No. ¹	Foreign Patent Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number- ⁴ Kind Code ⁵ (if known)				
/JW/	M	JP11031672 (Patent Abstract in English provided)	02/02/99	Hitachi Ltd.		<input type="checkbox"/>
/JW/	N	JP62150828 A (Patent Abstract in English provided)	07/04/87	Mitsubishi Corporation		<input type="checkbox"/>

Non Patent Literature Documents

Examiner Initial	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/JW/	O	SIGMA-ALDRICH, "Atomic Layer Deposition (ALD)", http://www.sigmaaldrich.com/Area_of_Interest/Chemistry/Materials_Science/Thin_Films_2005_Pages_1-2
	P	

Examiner Signature	/Joy Watson/ (08/09/2007)	Date Considered	(08/09/2007)
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/817,620
				Filing Date	April 1, 2004
				First Named Inventor	Carl Woods
				Art Unit	360 1746 1709
Examiner Name	360 Unassigned Joy Watson				
Sheet	4	of	5	Attorney Docket Number	LAM2P474

U.S. Patent Documents

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JW/	A	6,230,722	05/15/01	Mitsumori et al.	
	B	6,417,117	07/09/02	Davis	
	C	6,433,541	08/13/02	Lehman et al.	
	D	6,474,786	11/05/02	Percin et al.	
	E	6,488,040	12/03/02	De Larios et al.	
	F	6,495,005	12/17/02	Colgan et al.	
	G	6,530,823	03/11/03	Goodarz et al.	
	H	6,531,206	03/11/03	Johnston et al.	
	I	6,550,988	04/22/03	Sugimoto et al.	
	J	6,555,017	04/29/03	Rushford et al.	
	K	6,616,772	09/09/03	De Larios et al.	
	L	6,689,323	02/10/04	Fisher et al.	
	M	6,764,720	07/20/04	Pui et al.	

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		Country Code ³ -Number- ⁴ Kind Code ⁵ (if known)				
/JW/	N	WO 02/101795 A3	12/19/02	Verteq, Inc.		<input type="checkbox"/>
/JW/	O	WO 02/032825 A1	04/25/02	The Regents of the University of California		<input type="checkbox"/>

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Sheet	5	of	5	Examiner Name	JW Unassigned Joy Watson
				Attorney Docket Number	LAM2P474

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		Number-Kind Code ² (if known)			
/JW/ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	A	6,799,584	10/05/04	Yogev et al.	
	B	6,854,473	02/15/05	Hanson et al.	
	C	6,954,993	10/18/05	Smith et al.	
	D	6,988,326	01/24/06	O'Donnell et al	
	E	6,988,327	01/24/06	Garcia et al.	
	F	7,000,622	02/21/06	Woods et al.	
	G	7,069,937	07/04/06	Garcia et al.	
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		Country Code ³ -Number- ⁴ Kind Code (if known)				
/JW/	N	WO 03/014416 A2	02/20/03	Ebara Corporation		<input type="checkbox"/>
/JW/	O	WO 99/049504	09/30/99	Nippon Kogaku KK		<input type="checkbox"/>

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PTO/SB/08A(08-03)

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Examiner Name	JLW Unassigned Joy Watson		
Attorney Docket Number	LAM2P474		
Sheet	1	of	1

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/JW/	A	6,446,358	09/10/02	Mitsumori et al.	
/JW/	B	6,629,540	10/07/03	Mitsumori et al.	
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	D				
	E				
	F				
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Foreign Patent Documents

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
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	L					<input type="checkbox"/>
	M					<input type="checkbox"/>

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